

## SAFETY

**WARNING:** TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. DANGEROUS HIGH VOLTAGES ARE PRESENT INSIDE THE ENCLOSURE. DO NOT OPEN THE CABINET. REFER SERVICING TO QUALIFIED PERSONNEL ONLY.

**ATTENTION:** TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

**LASER:** This Digital Video Disc Player employs a Laser System.  
To ensure proper use of this product, please read this owner's manual carefully and retain for future reference. Should the unit require maintenance, contact an authorized service location - see service procedure.

Use of controls, adjustments or the performance of procedures other than those specified may result in hazardous radiation exposure.

To prevent direct exposure to laser beam, do not try to open the enclosure.  
Visible and invisible laser radiation when open and interlocks defeated.  
**DO NOT STARE INTO BEAM**

### LASER

Type	Semiconductor laser GaAlAs
Wave length	650 nm / 780nm
Output Power	7 mW
Beam divergence	60 degree

**CLASS 1  
LASER PRODUCT**

### WARNING :

*To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.*

### CAUTION :

*Use of controls or adjustments or performance of procedures other than those specified may result in hazardous radiation exposure.*

## CAUTION

### RISK OF ELECTRIC SHOCK. DO NOT OPEN

To reduce the risk of electric shock, do not remove cover (or back).  
No user serviceable parts inside. Refer servicing to qualified service personnel.



*The lightning flash with arrowhead symbol, with in an equilateral triangle, is intended to alert user to the presence of uninsulated "dangerous voltage" within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.*



*The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instruction in the literature accompanying the appliance.*

### CAUTION



**INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCK FAILED OR DEFEATED.  
AVOID DIRECT EXPOSURE TO LASER BEAM.**

## IMPORTANT SAFETY INSTRUCTIONS

**CAUTION: PLEASE READ AND OBSERVE ALL WARNINGS AND INSTRUCTIONS GIVEN IN THIS OWNER'S MANUAL AND THOSE MARKED ON THE UNIT. KEEP THESE INSTRUCTIONS. RETAIN THIS BOOKLET FOR FUTURE REFERENCE.**

This set has been designed and manufactured to assure personal safety. Improper use can result in electric shock or fire hazard. The safeguards incorporated in this unit will protect you if you observe the following procedures for installation, use and servicing. This unit does not contain any parts that can be repaired by the user.

**DO NOT REMOVE THE CABINET COVER, OR YOU MAY BE EXPOSED TO DANGEROUS VOLTAGE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL ONLY.**

1. Read these instructions  
After unpacking this product, read the owner's manual carefully.
2. Keep these instructions  
Retain this booklet for future reference.
3. Heed all warnings.
4. Follow all the operating and other instructions.
5. Do not use this apparatus near water.
6. Clean only with a damp cloth.
7. Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades, one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. Disc Tray  
Keep your fingers well clear of the disc tray as it is closing. It may cause serious personal injury.
16. Burden  
Do not place a heavy object on, or step on the product. The object may fall, causing serious personal injury and serious damage to the product.
17. Disc  
Do not use a cracked, deformed, or repaired disc. These discs are easily broken and may cause serious personal injury and product malfunction.
18. Damage Requiring Service  
Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
  - a) When the power-supply cord or plug is damaged.
  - b) If liquid has been spilled, or objects have fallen into the product.
  - c) If the product has been exposed to rain or water.
  - d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
  - e) If the product has been dropped or damaged in any way.
  - f) When the product exhibits a distinct change in performance - this indicates a need for service.
19. Servicing  
Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
20. Replacement Parts  
When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
21. Safety Check  
Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.
22. USA & Canada versions comply with ETL marking.



PORTABLE  
CART  
WARNING

S3125A

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*This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.*

*Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories. Confidential Unpublished Works. © 1992-1997 Dolby Laboratories, Inc. All rights reserved.*

*Apparatus Claims of U.S. Patent Nos. 4,631,603, 4,577,216 4,819,098, and 4,907,093 licensed for limited viewing uses only.*

**NOTE :** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to a supply outlet different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

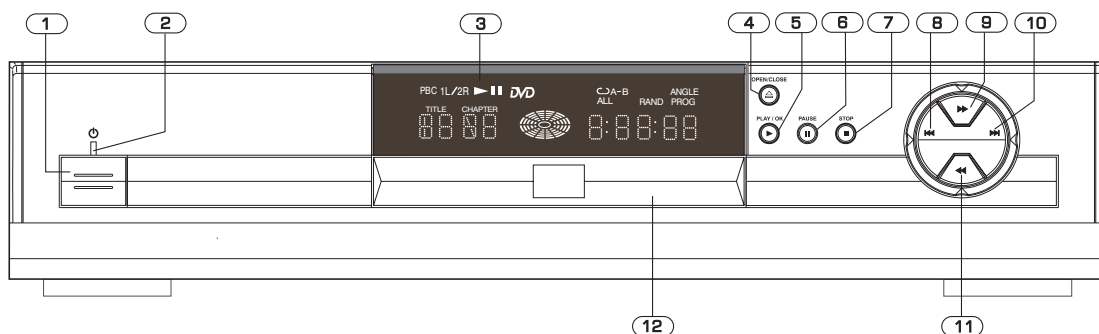
## Pack

Examine the contents of the box that your DVD player. There should be the followings:

- DVD Player with attached power cord
- 1 Remote Control
- 2 batteries
- A / V Leads (RCA Cords)
- Instruction Book

## The DVD Player

### Front View

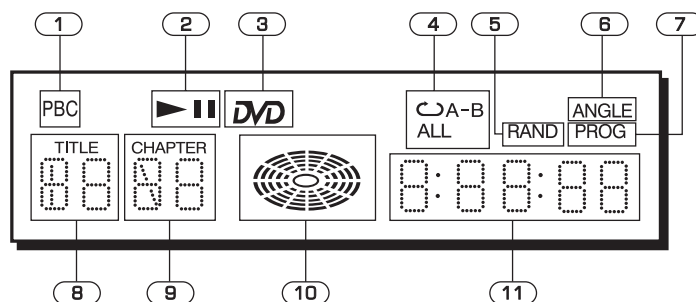


- |                       |                                       |
|-----------------------|---------------------------------------|
| [1] ON/OFF            | [7] ■ Stop                            |
| [2] Power indicator   | [8] ⏮ Skip to previous chapter        |
| [3] Display           | [9] ⏭ Fast forward & Menu navigation  |
| [4] △ Tray OPEN/CLOSE | [10] ⏭ Skip to next Chapter           |
| [5] ▶ Play            | [11] ⏮ Fast reverse & Menu navigation |
| [6]    Pause          | [12] Disc loading tray                |

## Models with Panel Display

### VFD

- [1] PBC (Play Back Control) indicator (For VCD only)
- [2] Operating status indicator (Play / Pause)
- [3] DVD indicator
- [4] Repeat playback indicator
- [5] RANDOM indicator
- [6] ANGLE indicator
- [7] PROGRAMME indicator
- [8] Title number indicator
- [9] Chapter / Track number indicator
- [10] Disc rotation / speed / direction indicator



- [11] Disc playing time indicator (DVD)  
Track time of current track indicator (CD)

**\*Remark:** The display can be dimmed.

When player in stop mode.

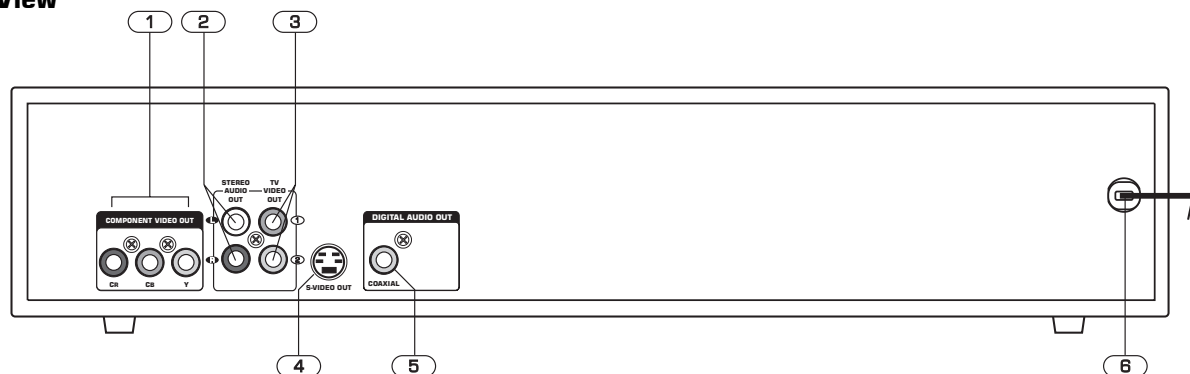
[a] Press Menu

[b] Press or keys, the display will alternate from bright to dim and reverse.

[c] Select the brightness you require and press "EXIT".

## Connections

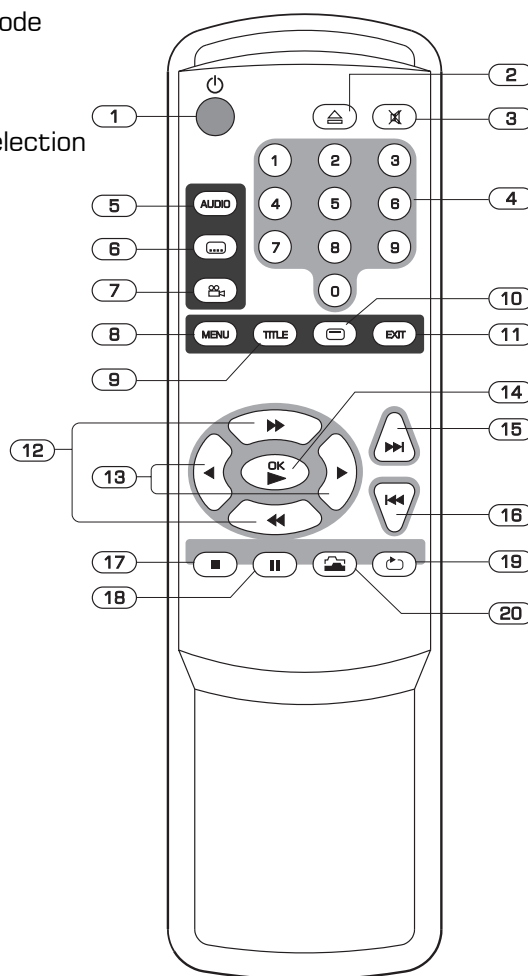
### Back View



- |                                     |                             |
|-------------------------------------|-----------------------------|
| [1] Component Video Out             | [4] S-Video out             |
| [2] Stereo Audio Out - Left & Right | [5] Digital Audio - Coaxial |
| [3] TV Video Out 1 & 2              | [6] Power Cord              |

## The Remote Control

- [1] Switches the player between Power on and Standby mode
- [2] Opens and closes the Disc drawer
- [3] Mutes & unmutes the sound
- [4] 0 - 9 Number keys for use in DVD menus, audio CD track selection
- [5] Audio Displays the Audio Menu (DVD) if present on the disc  
Displays CD programmes Menu (Music CD)
- [6] Displays the Subtitle Menu if present on the disc
- [7] Displays the Angle Menu if present on the disc
- [8] Menu Displays the Disc menu when a disc is playing  
Displays the Setup menu when the player is stopped
- [9] Title Displays the Title Menu if present on the disc
- [10] Enters & Exits the Active Navigation mode
- [11] Exit Exits from Menus or Active Navigation mode
- [12] Fast forward / Fast reverse & Menu navigation keys
- [13] Slow forward / Slow reverse & Menu navigation keys
- [14] Play and OK
- [15] Skip to next Chapter
- [16] Skip to previous chapter
- [17] Stop playing the Disc
- [18] Freezes the picture
- [19] Section repeat (AB Repeat)
- [20] Index Menu



## Player Region

For the purpose of distribution of DVD Discs, the world has been separated into 6 regions. The region your player is intended for is indicated on the "Region Code". This should be the same as the label on discs available in your region. If you have any difficulties in playing a disc, make sure that the disc is for the same region as your player.



## Anti-copy Disc Protection

Some DVD disc have anti-copying devices.

With these discs the playback on a Television will give the highest quality picture, however you will not be able to record this signal on a VCR.

## Closed Captions

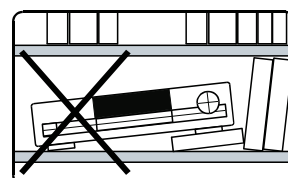
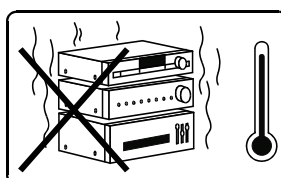
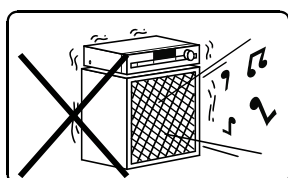
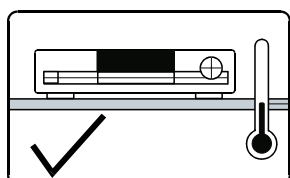
This player is compatible with USA closed caption TVs.

## Installation

Install your DVD player on a stable flat surface. There must be sufficient room in front of the player for the drawer to be opened and the player should be positioned so that it can "see" the remote control.

Do not expose your DVD player to extremes of temperature or humidity. Avoid standing it on a hot surface such as on top of other hot running equipment and ensure that there is adequate ventilation to the player.

**\* Caution : Do not install this equipment in confined space such as a book case or similar unit!**



\* Connect your player as follows:

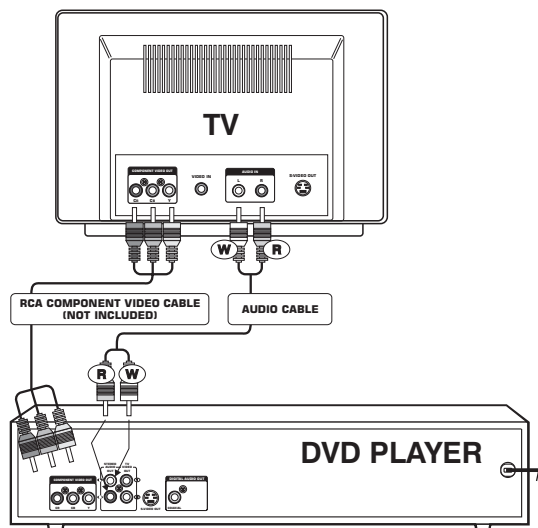
- 1) Direct connection with a TV.
- 2) Connection with a TV and 5.1 channel receiver.

### 1) Connecting to TV

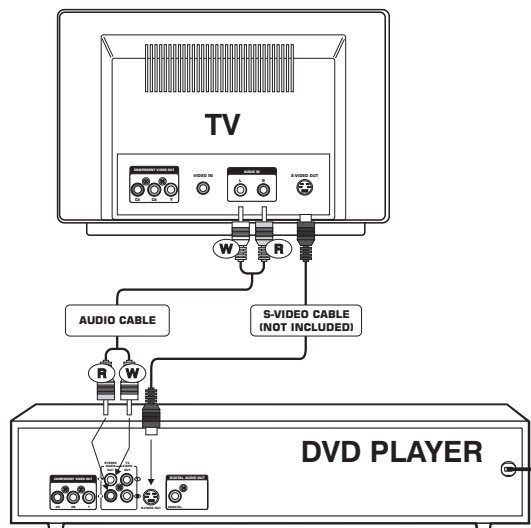
One set of the following cables can be used for connections:

1. Component Video Cable (Not included) & Audio Cable
2. S-Video Cable (Not included) & Audio Cable
3. RCA A / V (Audio / Video) Cable

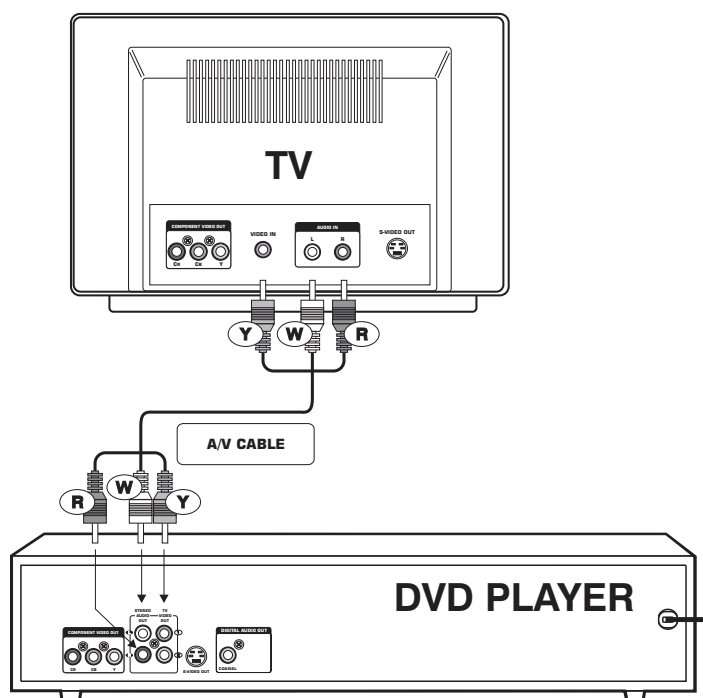
**Can Produce the Best Picture Quality**



**Can Generate Better Picture Quality compared with RCA A/V cable**



**Direct Connect to TV for Good Picture Quality  
- Use RCA A / V Cable (This cable is provided)**



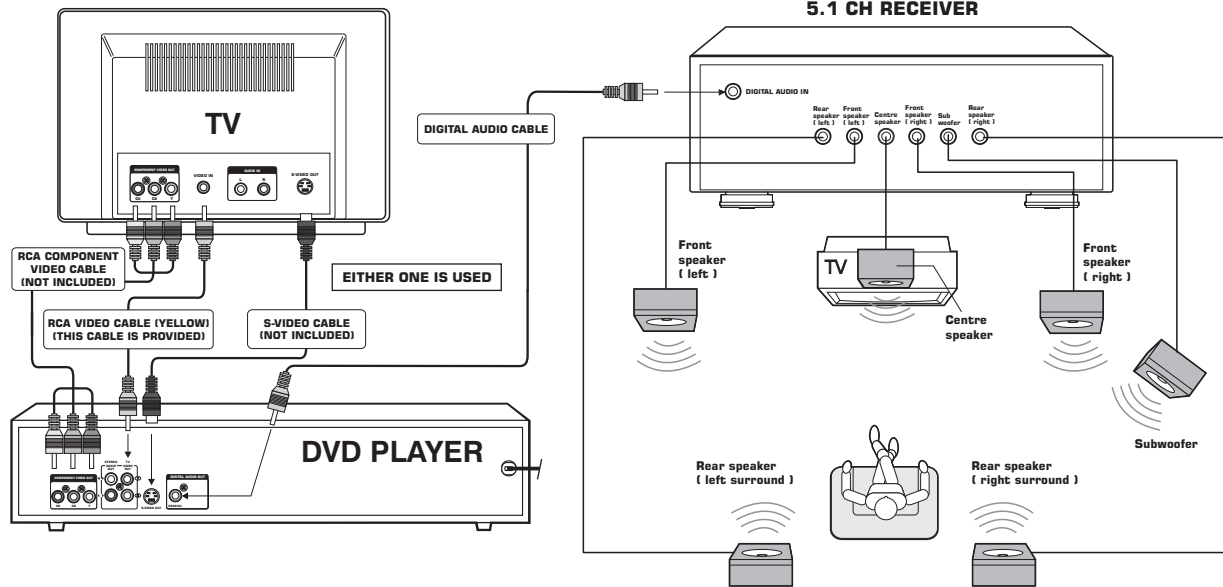
## 2) Connecting to 5.1CH Receiver (S-Video Cable not included)

Connect only the Component Video Cable or the S-Video Cable or A / V (RCA) Video Cable (yellow) from the DVD to your TV. Do not connect the L-R Audio sockets to the TV. In case the L-R connections are used, you need to set the TV volume control to zero.

Connect the Digital Audio Out socket on the DVD to the Input socket of your 5.1 Ch. Receiver:

- In the Active Navigation Menu, you need to select a sound track with 5.1 channel [ see Language & Sound on page GB11 ]
- Ensure that the DVD is configured correct digital output source.

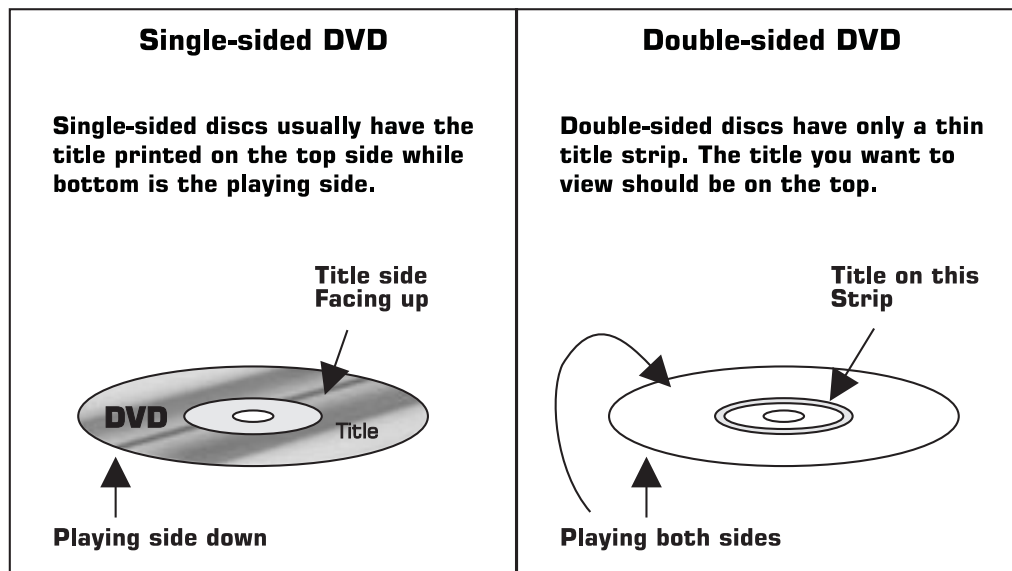
**Connection Diagram 2CH DVD to a 5.1CH Receiver**



## DVD Discs

There are several types of DVD Disc.

Single sided discs.	These play for approximately	2 HOURS
Single sided two layer discs.		4 HOURS
Double sided discs.		4 HOURS
Double sided with 2 layers on both sides.		8 HOURS



DVD discs have "Titles" and "Chapters". There can be several Titles on one disc and each Title can contain several Chapters. Titles and Chapters are numbered, e.g. Title 1, Title 2 etc & Chapter 1, 2, 3 etc.

Usually one Title will show the disc publisher and studio logos. Next Title will be the film. Other Titles contain trailers for other films, or production notes from the film, or alternative endings for the film. There are many possibilities with Digital Versatile Disc.

Chapters within the main Title allow you to search quickly for a specific point on the disc. Many discs have a "Chapter Menu" sometimes called "Scene Index" or "Scene Menu" that displays the first shot from each Chapter, which allows you to select a shot and play the disc from that point onwards.

DVD discs can be PAL or NTSC. This player can play both types.

DVD discs allow up to 8 Languages and 32 subtitles on a single disc. You can select and change the language and subtitle to suit yourself. You can play the whole disc or just part of it and view it from different angles.

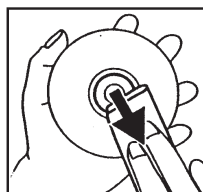
## Cleaning DVD Disc

Some problems occur because the disc inside the player is dirty. To avoid these problems clean your disc regularly in the following way:

- When a disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from the centre out.
- Do not wipe in a circular motion. Circular scratches can cause picture distortion or render the disc unplayable.

### CAUTION

Do not use solvents, commercially available cleaners, or anti-static spray intended for analog discs.


























## On Screen Messages

During Play, various messages will be shown on the screen for a few seconds to confirm that a function has been selected. You can turn these messages on or off in the 'On Screen' section of the setup menu.

The messages, which may appear, are listed below:

PLEASE WAIT .....	The system is initializing.
READING .....	Reading the disc.
TRAY OPEN [  ] .....	The tray is about to open.
TRAY CLOSE [  ] .....	The tray is about to close.
DVD .....	DVD disk is loaded.
VCD .....	VCD disk is loaded.
MUSIC CD .....	Music CD disc is loaded.
NO VALID DISC .....	Wrong disc format or damaged disc that cannot be played, disc upside down or no disc in the tray.
INVALID REGION DISC .....	The disc cannot be played because regional code is different to the player.
PARENTAL LEVEL TOO LOW TO PLAY .....	The parental control has been set and the disc cannot be played.
PLAY [  ] .....	Play.
PAUSE [  ] .....	Pause playing.
STEP FWD [  ] .....	One frame forward in pause mode.
STEP BWD [  ] .....	One frame backward in pause mode.
CONTINUE [  ] .....	Continue playing after pause.
RESUME STOP [  ] .....	Stop the disc but allow the disc to be resumed from the same place.
RESUME [  ] .....	Playing is resumed.
STOP [  ] .....	Playing disc is completely stopped.
[  ] .....	This function is not available.
NEXT CHAPTER [  ] .....	Play from beginning of next chapter.
PREV CHAPTER [  ] .....	Play from beginning of previous chapter.
FAST FWD [  ] 1 .....	Fast forward speed 1. (For DVD up to speed 4, For VCD/CD up to speed 3).
FAST BWD [  ] 1 .....	Fast backward speed 1. (For DVD up to speed 4, For VCD/CD up to speed 3).
SLOW FWD [  ] 1 .....	Slow forward speed 1. (For DVD up to speed 4, For VCD up to speed 3).
SLOW BWD [  ] 1 .....	Slow backward speed 1. (For DVD up to speed 4).
MUTE [  ] .....	The sound is muted.
UNMUTE [  ] .....	Sound mute is cancelled.
SKIPPING BAD DISC AREA .....	There is a damaged section of the disc that the player can skip over.
TRACK : 1 .....	Track selection with a number key (Music CD).
SKIP NEXT [  ] .....	Skip to start of the next track (Music CD).
SKIP PREV [  ] .....	Skip to the start of the previous track (Music CD).
STAND BY .....	Entering standby mode.
POWER ON .....	Switched on from stand by.
BUTTON : 2 .....	Indicates a menu selection using the number keys.

## Playing a DVD Disc

To play a DVD disk, open the drawer using the panel control or the remote control.

Insert the disc with the title uppermost.

Close the drawer using the panel key or the remote control.

There will be a short delay whilst the player identifies the disc and reads the menu from the disc.

An icon will display



The florescent display on the front of the player will indicate DVD. (Models with panel display)

Some discs will automatically play, others will display the disc menu. If the menu is presented, select "Play film" using the menu navigation keys and then press OK.

## When the DVD is playing


### Skip

Skip forwards, or skip backwards a Chapter by pressing the



Keys. Each press will jump

### Fast-Search

Fast-forward or reverse by the  keys. There are 4 speeds, Each press increases the speed. You need not hold down the key.

▶▶1→▶▶2→▶▶3→▶▶4→▶▶1

or ◀◀1→◀◀2→◀◀3→◀◀4→◀◀1

### Slow Motion

Play slow motion forward or backward using the  keys. There are 4 speeds, Each press reduces the speed. You need not hold down the key.

▶▶1→▶▶2→▶▶3→▶▶4→▶▶1


Note: There is no sound in Fast Search and Slow Motion modes.

or ◀◀1→◀◀2→◀◀3→◀◀4→◀◀1

### Normal Play mode

To revert to normal speed with sound, press the ▶[OK] key.

### Disc Menus

Press the menu key whilst the disc is playing and the disc menu will be displayed. You can navigate with the remote control navigation keys  and select a feature with the ▶[OK] key.

### Pause

This temporarily stops the disc. The picture freezes and there is no sound. To start playing the disc again, press ▶[OK], the disc resumes playing immediately. If you press Pause again (whilst paused) - the next frame of the movie will be shown.

### Stop (and Resume Stop)


When pressed once the player goes into Resume Stop mode. In this mode the film can be resumed from the stop point by pressing ▶[OK]. In Stop mode you can display the Setup menu. If the STOP key is pressed twice the player goes into Stop mode. When ▶[OK] is pressed the disc will start from the beginning.

## Active Navigation [DVD]

To display the control bar, press  on the remote control.


The control bar will be displayed across the top of the screen. This control bar allows you to change settings (such as the audio language) while the disc is playing, without interrupting the film.



Navigate across the bar using  keys


Title



Select the title you wish to play on multi-title DVDs. Press  to select a title and press ▶[OK]. The new title will be displayed (and will also be shown on the florescent display, along with the corresponding time. (Models with panel display only)

Chapter



Select the chapter you wish to play on multi chapter DVDs. Press  to select a chapter and press ▶[OK]. The new chapter will be displayed (and will also be shown on the florescent display, along with the corresponding time. (Models with panel display)





## When the Music CD is playing


### Skip

Skip forward, or skip backward by pressing the   Keys. Each press will jump to the beginning of the next track or previous track. If RANDOM mode is selected, skip will jump a RANDOM number of tracks.

### Fast-Search

Fast forward or reverse by the   keys. There are 3 speeds which each press increases the speed until the maximum speed is reached. You need not hold down the key.


### Normal Play mode

To revert to normal speed, press the  [OK] key.

### Pause

This will stop the CD and mute the sound. Press  [OK] or Pause  to resume playing from the point that it was paused.


### Mute

This will mute the sound, but the disc continues to play. When you unmute the sound (press  again), a later passage will be playing.



### Number Keys

The number keys allow you to select a track directly, input the track number required.

## Active Navigation [Music CD]




To display the control bar, press  on the remote control.  
The control bar will be displayed across the top of the screen.



Navigate across the bar using  /  keys


#### Track



Selects the track. Press   to select a track and press  [OK]. The new track will be played and also be shown on the florescent display along with the corresponding time. The time displayed for Music CD is the elapsed time of the track, not for the whole CD.




#### Time



Time search. Input a time using the number keys and press  [OK]. The disc will play from the indicated time and the associated track and time will be displayed on the florescent display. (On models with a display)


#### Repeat



A-B Repeat allows a passage to be repeated continuously. Press  [OK] at the start of the required passage, then press  [OK] again at the end of the passage. The passage will now repeat continuously. To revert to normal playing again press  [OK] again.


#### Repeat



This is a track repeat. When it displays "1", the current track will be automatically repeated. "ALL" means the whole CD will be played. To change between "1" and "ALL" press  [OK].


#### Random



When the random selection is switched on, track selections will be made at random, and not in a sequential manner. Press  [OK] key to switch random 'ON' or 'OFF'

#### OSD



This icon allows you to inhibit the command responses on the top corner of the screen, e.g. Stop, Play, which are displayed momentarily when a remote key is pressed. To suppress these responses select "OFF" by pressing  [OK]

**Note:** When the selection is completed, EXIT the Navigation Bar by pressing  or "EXIT"

## Setup Menu

**To access the setup menu the disc must be in **STOP** mode.**

Press MENU to display the setup menu.

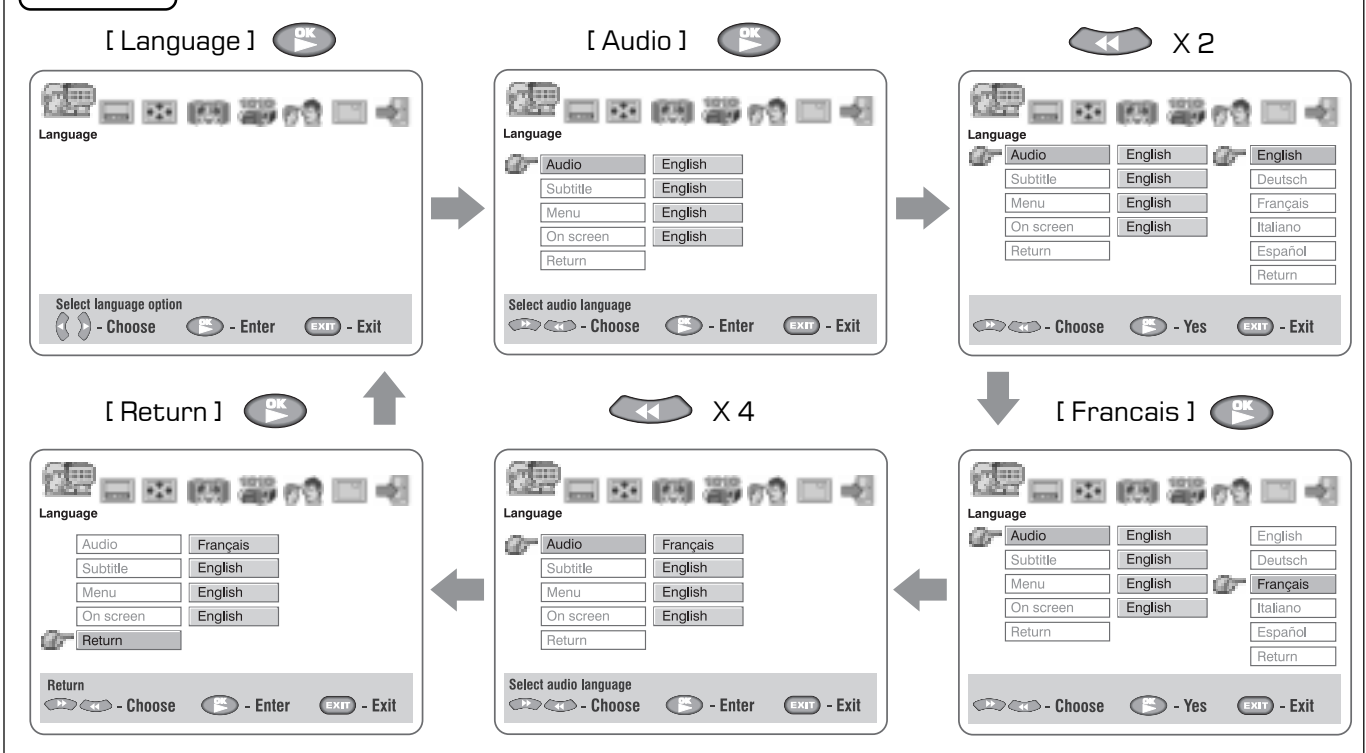
Navigate using the remote control Navigation keys. Select options using the ►[OK] key.

The selections are the preferred options that will be chosen if they are available on a disc. If the disc does not have the preferred option then the discs own preference will be used.



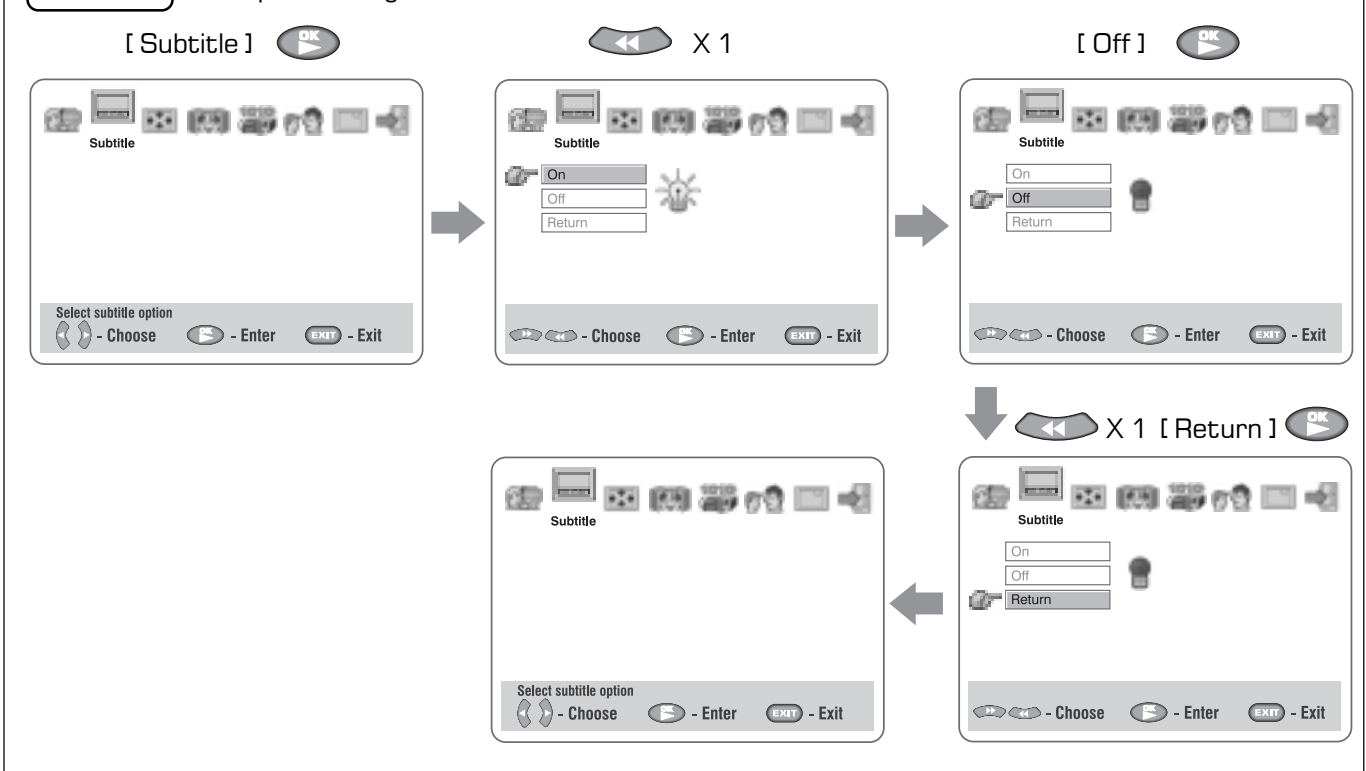
**Language** Example showing how to change the audio language from ENGLISH to FRENCH

**Language** Example showing how to change the audio language from ENGLISH to FRENCH




**Subtitle** Example showing how to turn off the subtitle

**Subtitle** Example showing how to turn off the subtitle



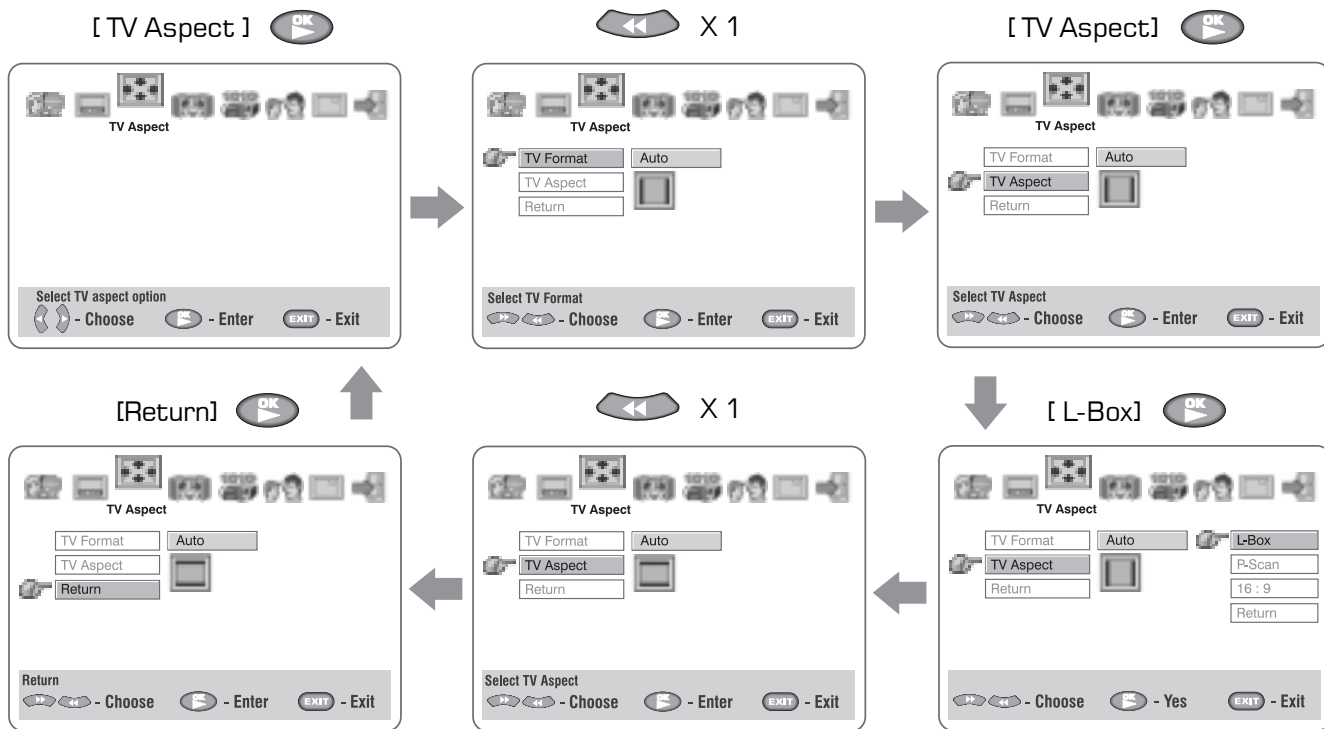
### TV Aspect

L-Box means "Letter Box". The picture will be displayed as  with black bars at the top and bottom of the screen. Some DVD's are widescreen, multi - or standard format & may not be supported by this feature. Please see DVD covers to find its format.

P-Scan means "Pan and Scan". The picture fills the whole screen, however, some portions at to left and right may not be visible. The picture will automatically Pan and Scan to left and right to centre the most important part of the picture.

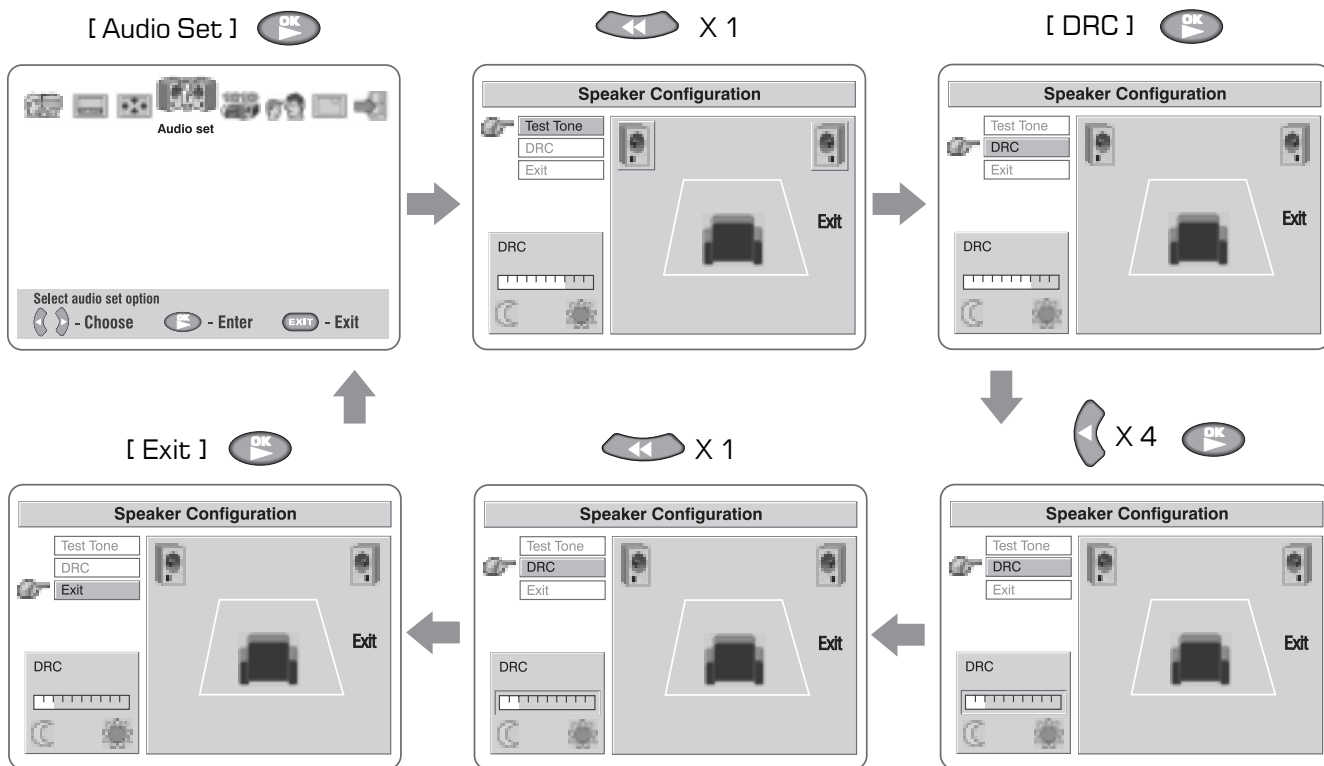
Not all discs support Pan and Scan, so the letterbox display may remain even though P-Scan is selected.

Example shows setting of Letter Box display on a normal TV



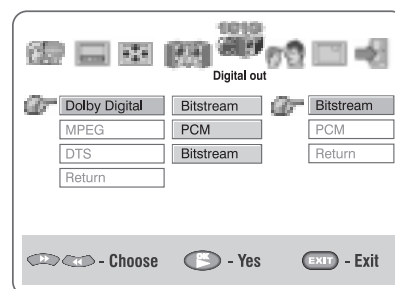
**Audio Set**

Example shows setting of Dynamic Range Compression (DRC) to night time listening.



## Digital Out

To set up the Digital Audio output to a 5.1 Receiver/Decoder:  
This menu enables you to set the type of 5.1 output according to your Decoder/Amp. The form of each type of Data (Dolby Digital, MPEG or DTS) can be set as Bitstream or PCM format to suit your Dolby & DTS decoders.



## Parental Control

DVD discs have a parental level assigned to the disc. The range of parental controls are from 1 to 8.

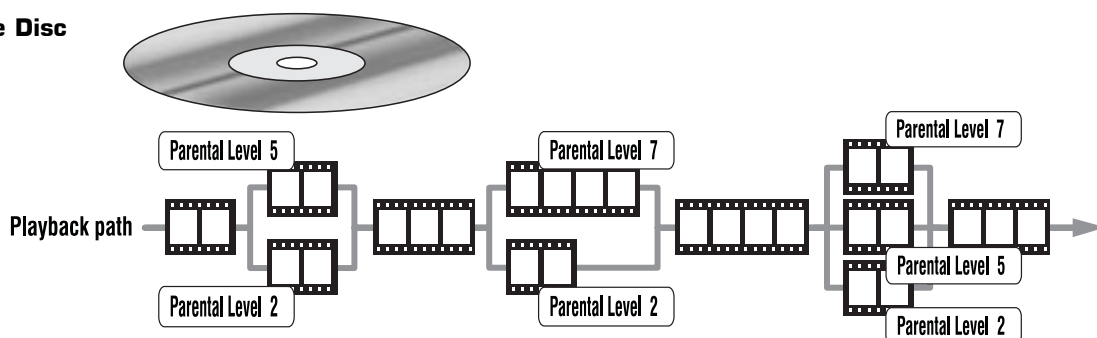
The player can be set in a similar way. If the player's parental level is set to 8 it will play all discs. If the player's parental level is set below 8, only discs with a lower or equal parental level will play.

For example, if the player is set to 5, only discs with parental control ratings of 5, 4, 3, 2, & 1 will play. To play a higher rated disc you must change the player's rating to a higher number.

Alternative scenes with lower rating are included. The player plays the highest rated scene that the parental setting allows.

For example, consider a disc which is generally suitable for most audiences, and is rated as level 2 for the most part. However in the middle there are also scenes rated at 5 & 7 (not suitable for children)

### The Disc

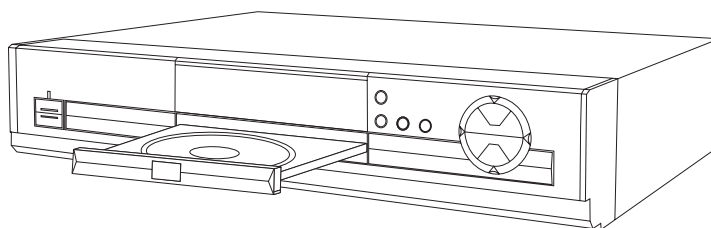


### The Player

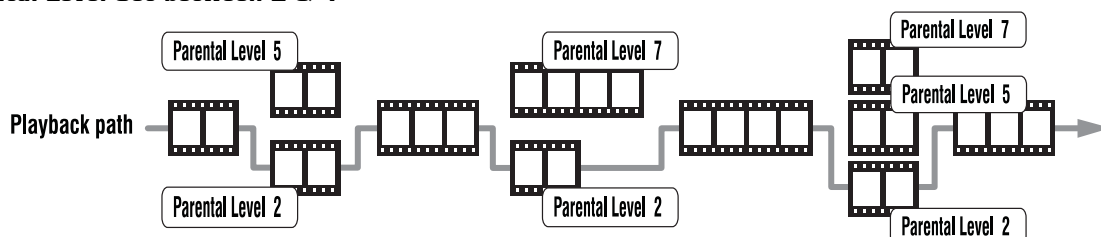
The player's behaviour depends on the setting in the parental menu.

#### Parental Level Set to 1

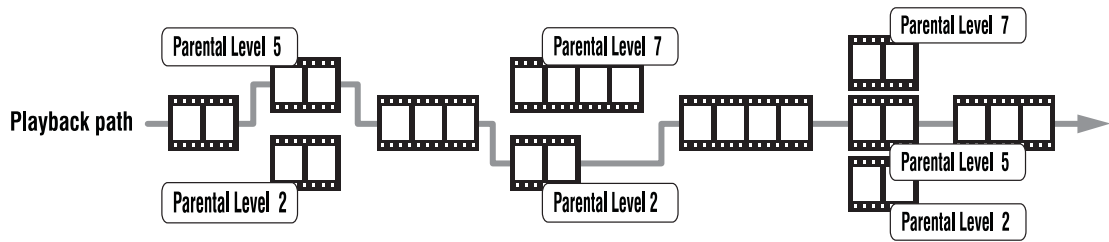
Player does not play the disc and display "Parental Level too low to Play"



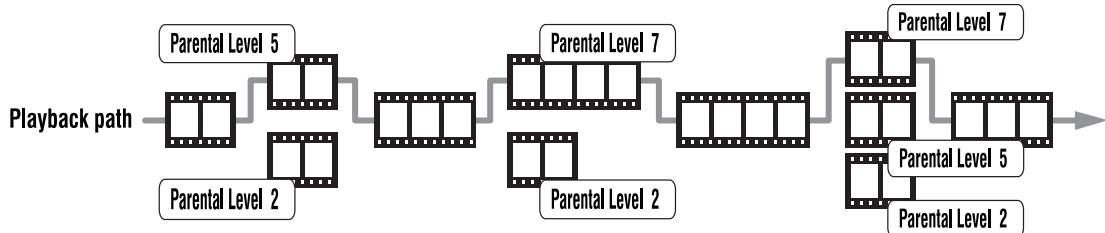
#### Parental Level Set between 2 & 4



### Parental Level Set to 5 or 6



### Parental Level Set at 7 or 8



A section of the disc can have several different sequences which vary in parental control level. In the above example of a disc with parental control, the player will show a different section depending on the parental control level set in the player's menu.

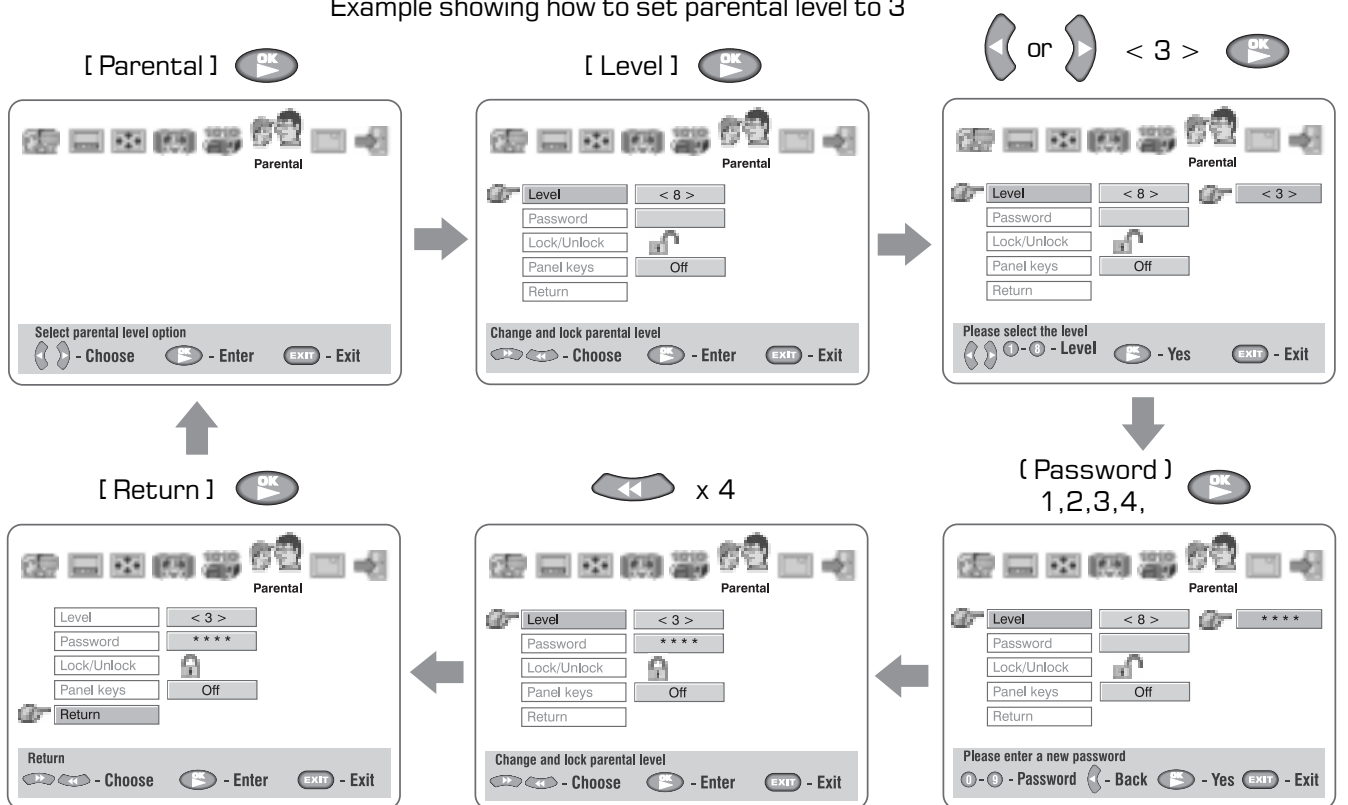
In this way parents can control the content of films and there is no indication that any censorship has occurred.

The meaning of the levels 1 to 8 varies depending upon the country and the type of content of the disc.

**The player is delivered without a password.** When you set the parental level for the first time you are invited to enter your own password. (e.g. 1, 2, 3, 4). This becomes the password for the player. **You must know this password in order to change it.** Some films do not have parental control, the disc will play regardless of the player setting.

### Parental Control

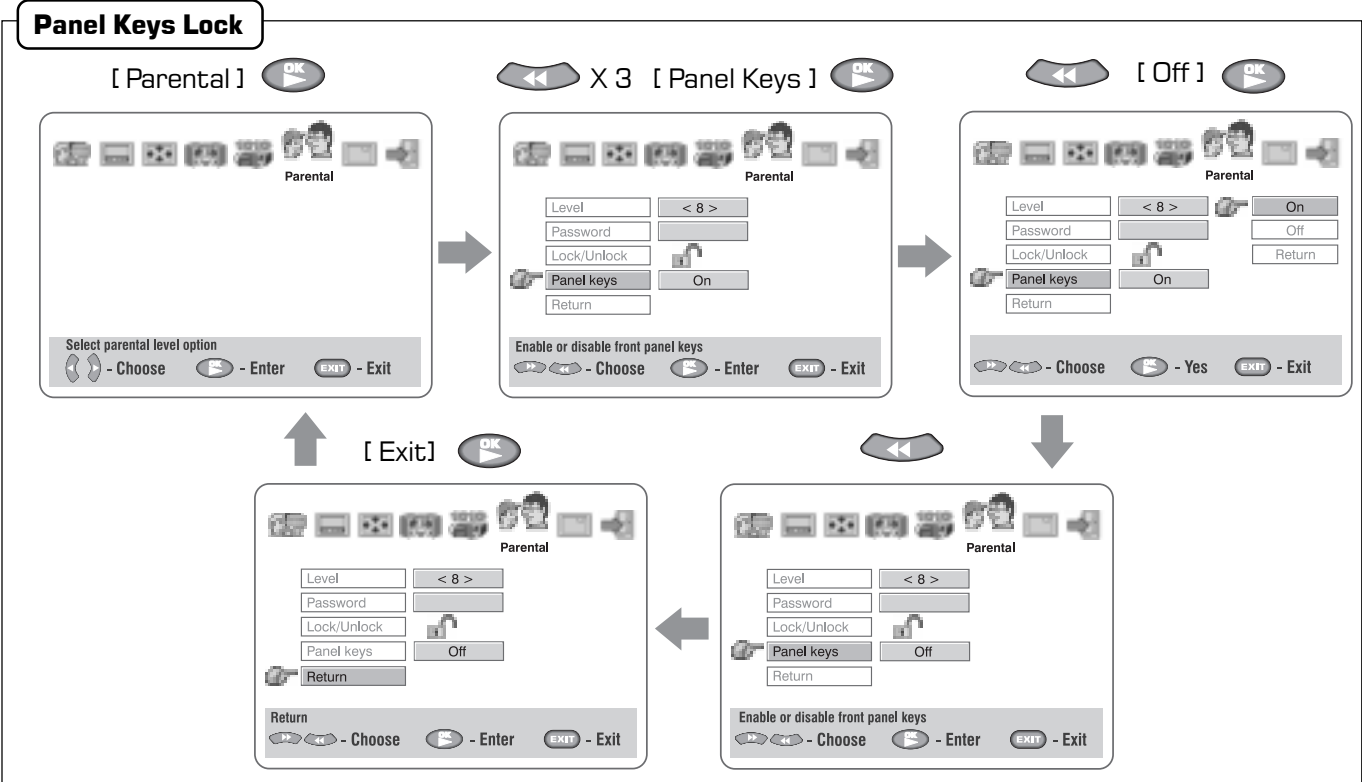
Example showing how to set parental level to 3





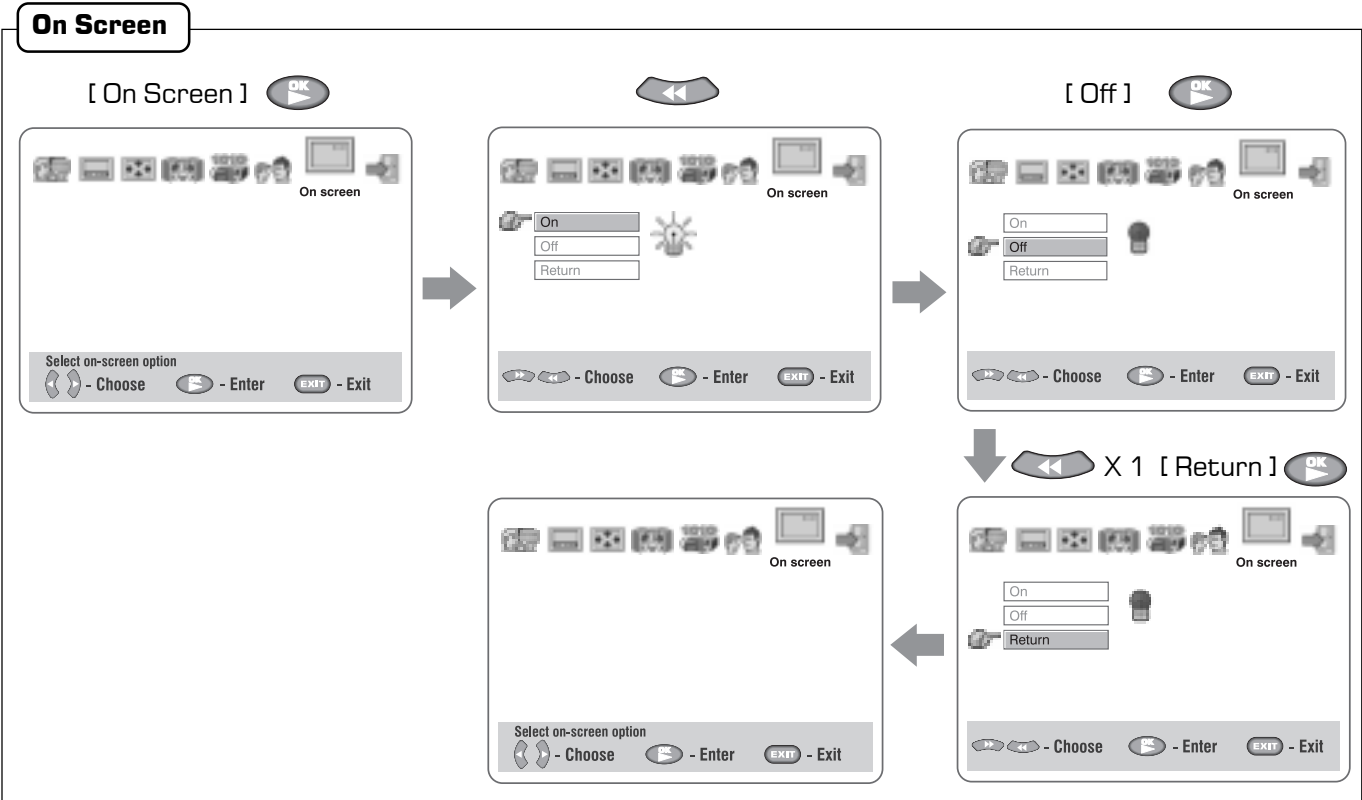
Some films do not have parental control implemented and will play irrespective of the player setting.

A second method of parental control is also available in the PANEL KEYS option. Set panel keys to OFF and the player can only be operated by the remote control. Now the player can only be used by someone with access to the remote control.



## On Screen

During playback, various icons and messages will be shown on the screen for a few seconds to confirm that a function has been selected. You can turn these messages off or on. A full list of these messages can be found on page GB9.

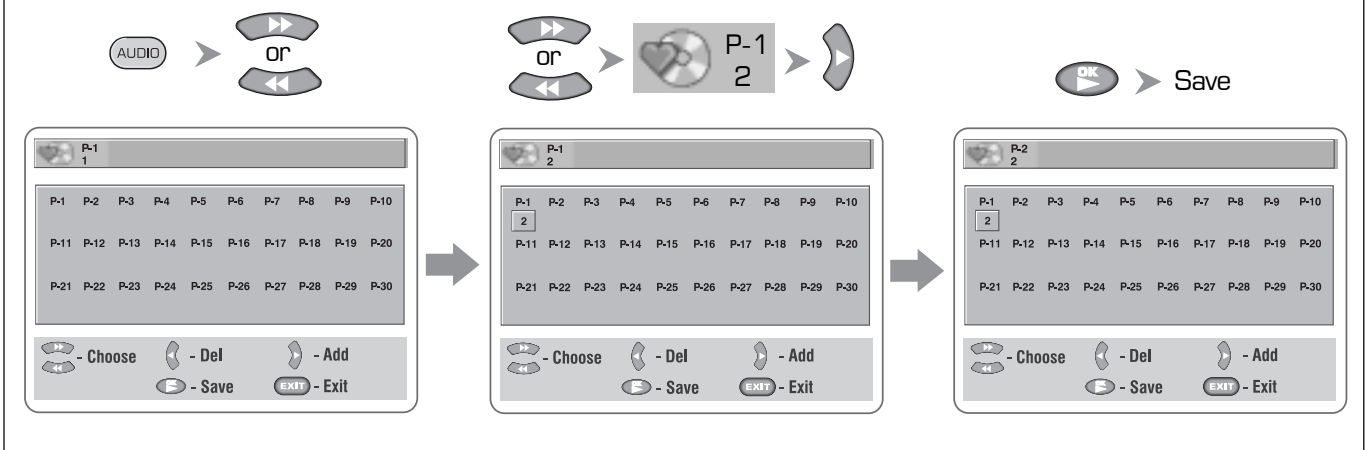


## Program-Music CD

To display the CD program menu the player must be in CD mode and the disc must be in STOP mode. Press AUDIO on the remote control and the CD program menu will appear. To put the player into CD mode, insert an audio CD and close the drawer. The player will go into CD mode when it identifies the disc.


**Program-Music CD**

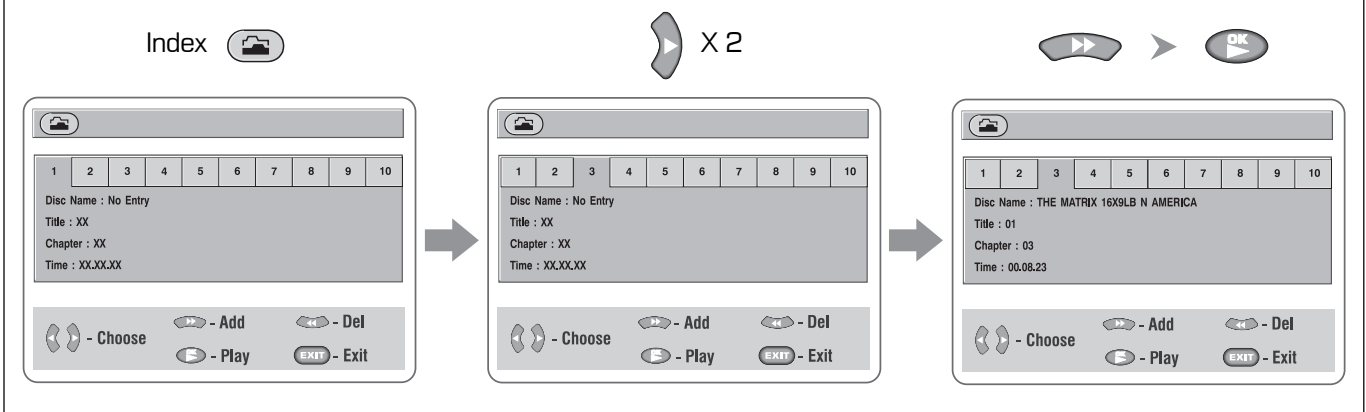
Example showing how to program favourite tracks from a music CD.



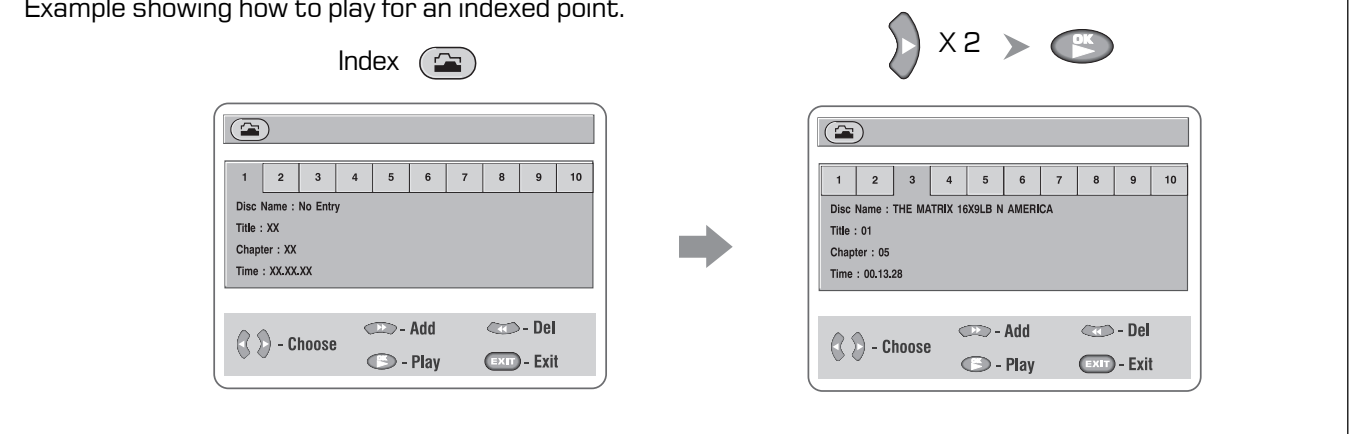
## Index (DVD)

Example showing how to set an Index marker:

Press the Index  key whilst the disc is playing, the film will pause and the index will be displayed. There are totally ten index marker settings. Each index marker can be reached by pressing the scan forward or backward button.

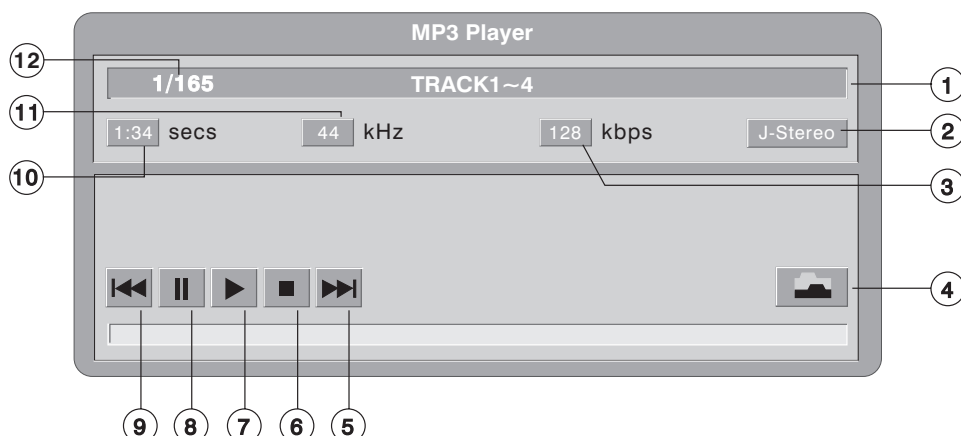


Example showing how to play for an indexed point.



## MP3 CD Play

Turn on your DVD player and place MP3 CD into the disc tray and close the tray. A MP3 player panel will appear on the TV screen and the first track selection will begin to play automatically.



(1) Songs name (when available).

(2) Audio mode (stereo or mono).

(3) Sampling rate.

(4) Responds to the " " key - use to edit the song list.

(5) Responds to the " " key - use to skip to the next track.

(6) Responds to the " " key - use to stop playback.

(7) Responds to the " " key - use to start playback.

(8) Responds to the " " key - use to pause playback.

(9) Responds to the " " key - use to skip to previous track.

(10) Playing elapsed time per song.

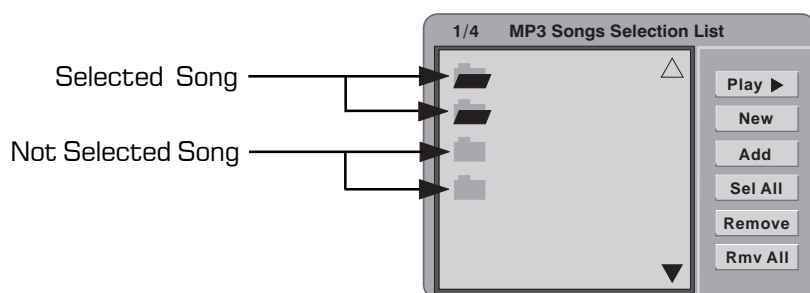
(11) Sampling frequency.

(12) Playing song and the total number of the song list.

When listening to a MP3 disc, you can Pause / Stop / Skip / Play the song by manipulating the above functions. You can directly select any song of the list by pressing the numeric keys of the remote control and .

## MP3 Song Selection List Screen and Disc Browser Screen

This screen displays the List of Songs that can be played.

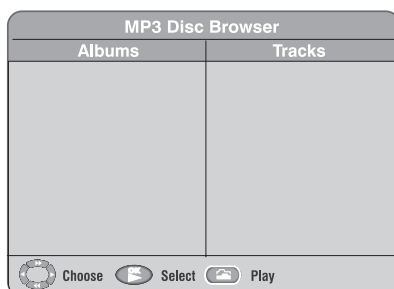


When you first load a disc, every song on the disc will be placed in this Song Selection List, and all will be selected for playing.

You can change the selection by highlighting the song and pressing .

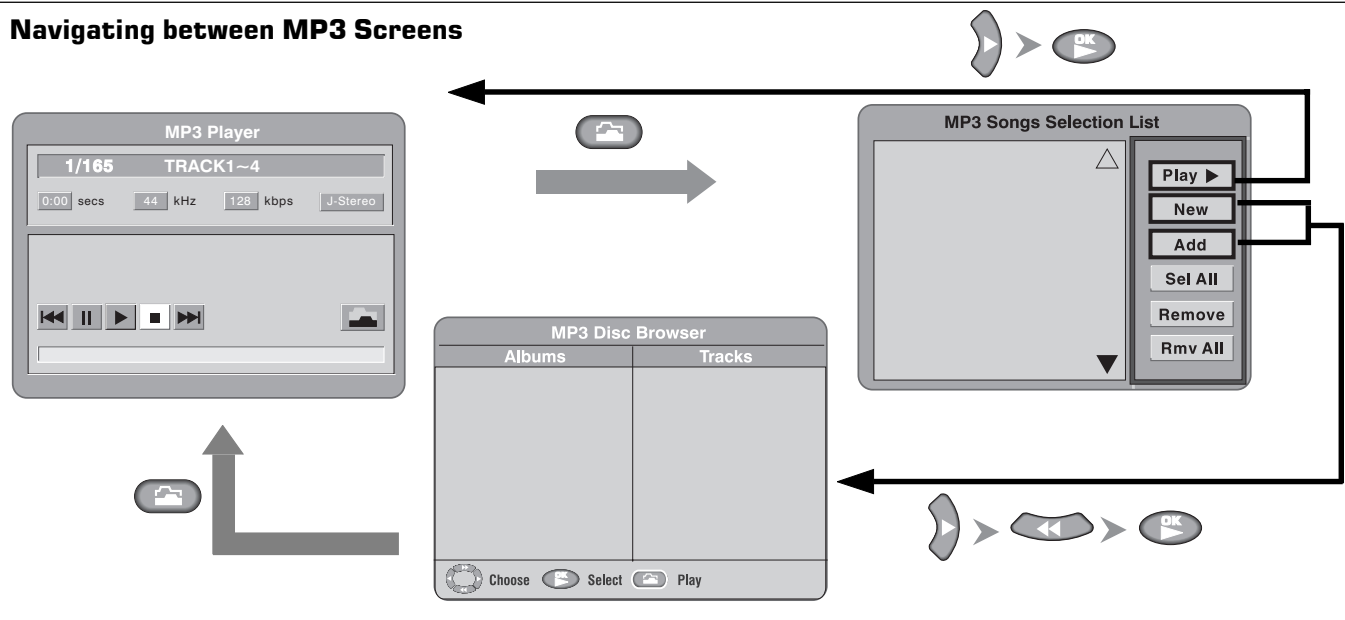
### Disc Browser Screen

You can create your own MP3 Song Selection List using the Disc Browser.



This screen shows all the Albums and Tracks on the disc and lets you choose which ones you want in the Song Selection List.

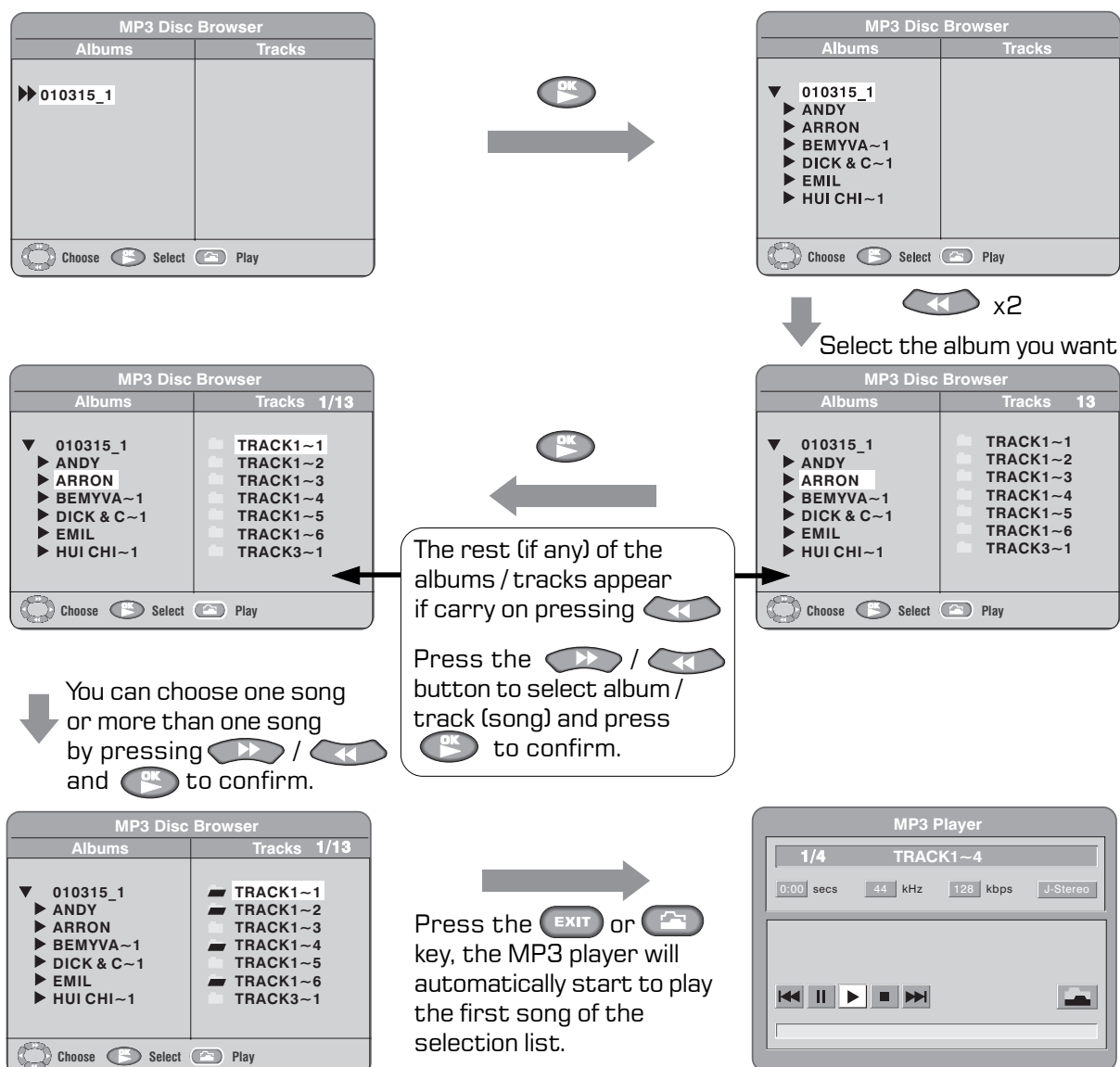
## Navigating between MP3 Screens



## Playing a MP3 Disc

From the MP3 Disc Browser, you could choose your favorite songs.  
For the sake of the user's convenience, a particular disc named 010315\_1 is used for illustration.

### Select & Play Your Song

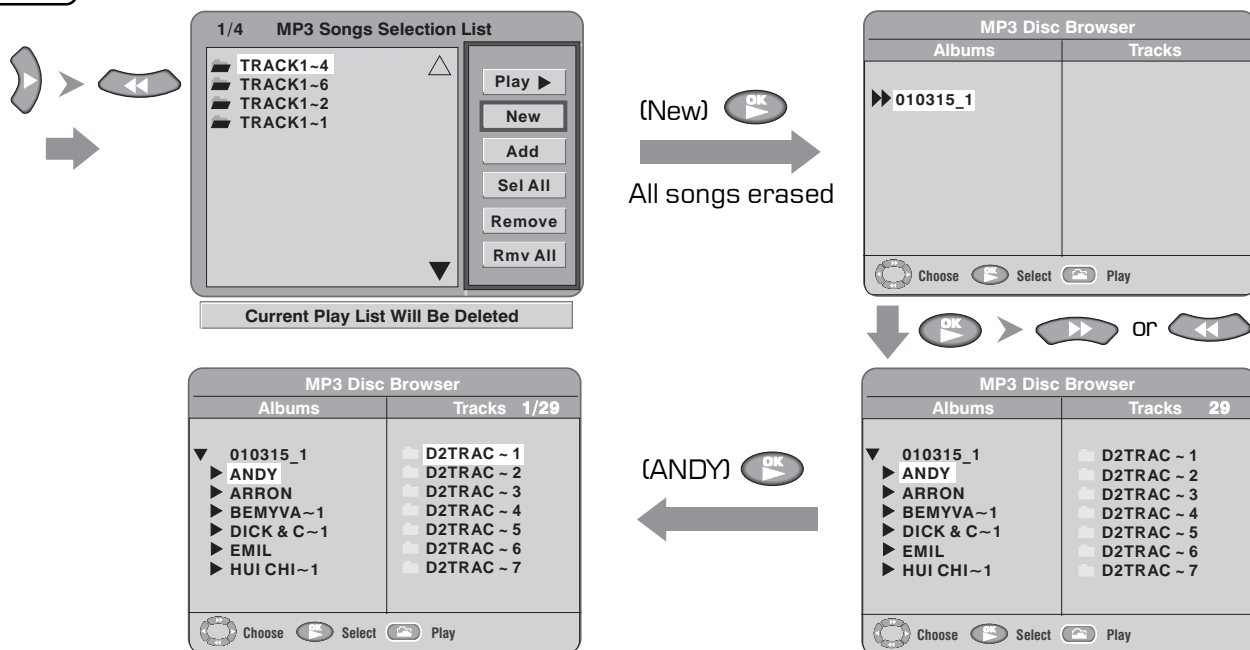


## Play, Erase, Choose and Add Your Song

**Play** ▶ - Starts to play the first song of the list.

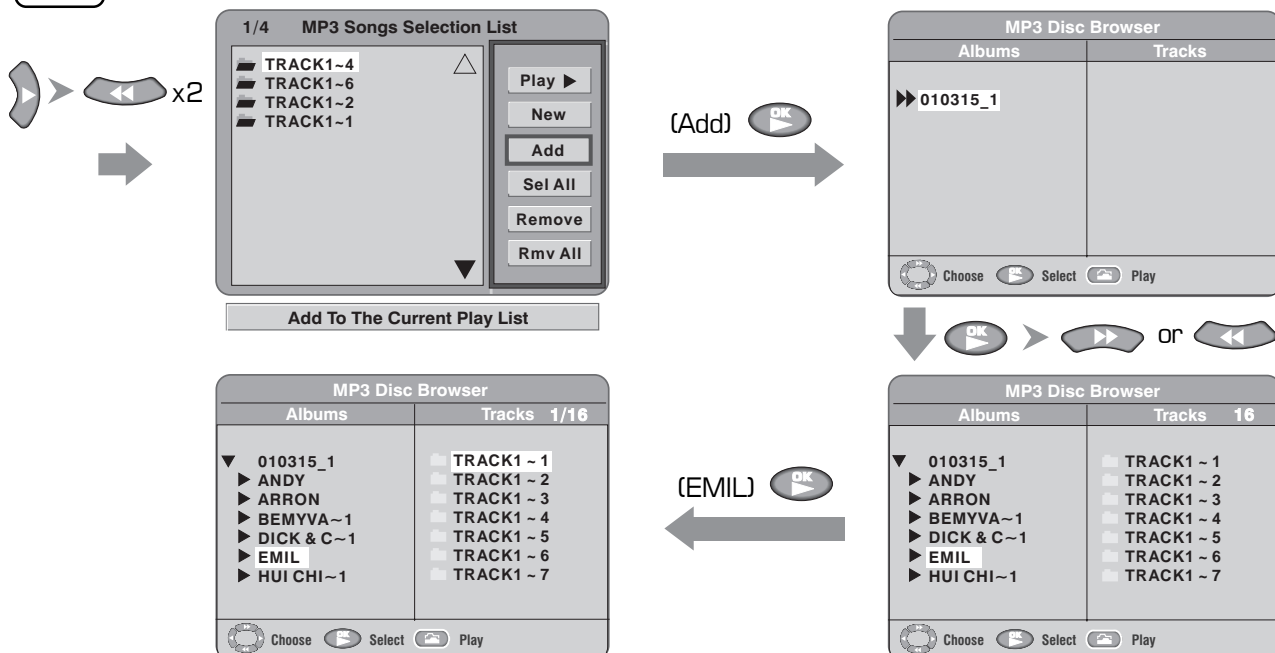


**New** - Erases all songs in the selection list and chooses new songs from the browser.



Please refer to "Select & Play" on page GB20.

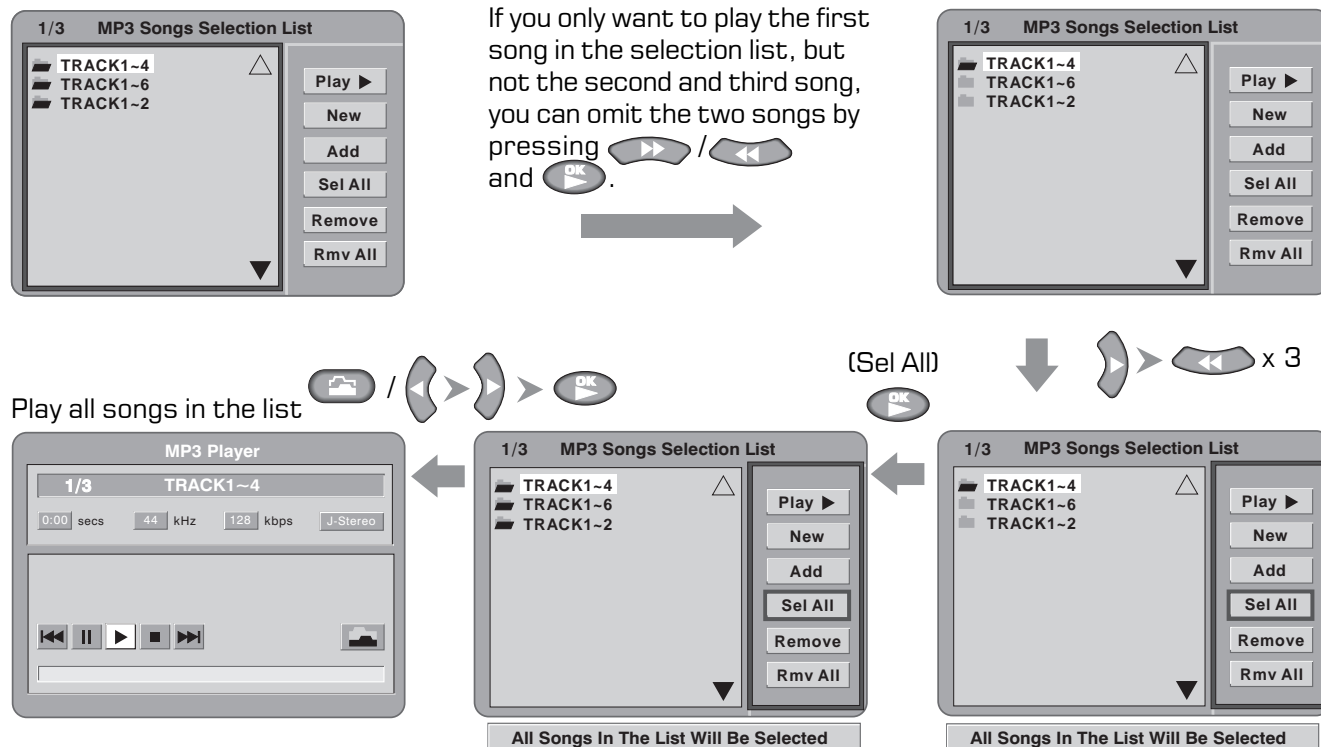
**Add** - Adds the song(s) newly selected from the browser to the existing song list.



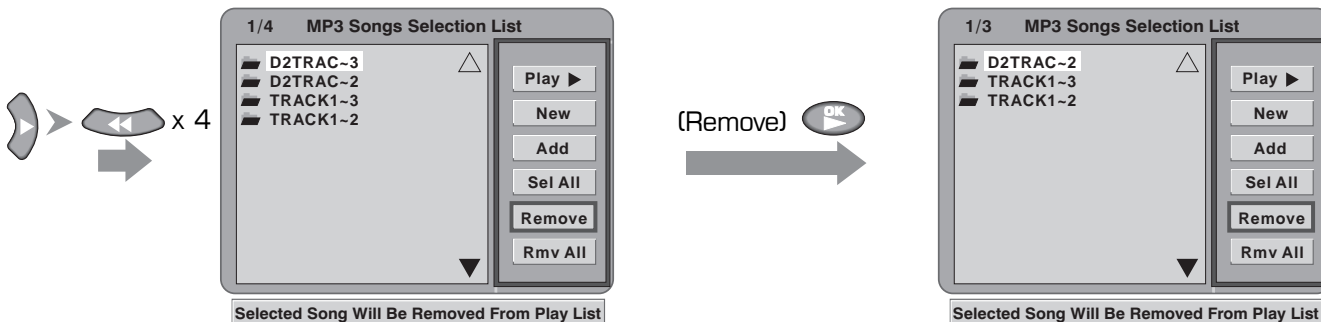
Please refer to "Select & Play" on page GB20.

## Select All and Remove Your Song

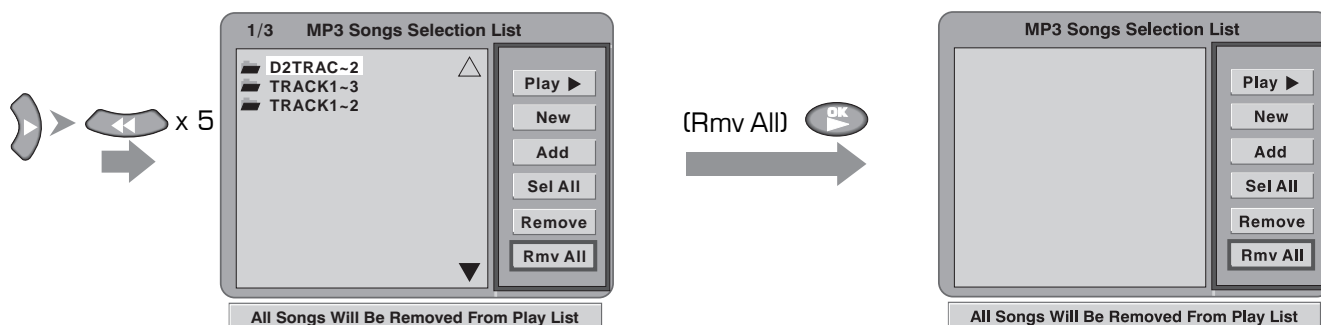
**Sel All** - All songs in the selection list will be selected (for playing).



**Remove** - Removes one song from the selection list.



**Rmv All** - Removes all songs from the selection list.



## Problems ?

If it appears that your DVD-Video player is faulty, first consult this checklist. It may be that something simple has been overlooked.

***Under no circumstances should you try to repair the player yourself; as this will invalidate the warranty. Only qualified service personnel can remove the cover or service this player.***

### NO POWER

- Check if the on/off button on the front of the player is set to on.
- Check if power plug of the mains cord is properly connected.
- Check if there is power at the AC outlet by plugging in another appliance.

### NO PICTURE

- Check if the TV is switched on.
- Select the correct AV input on the TV.
- Check the video connection.
- Check if channel selector is set to AV on the TV.

### DISTORTED PICTURE

- Check the disc for fingerprints and clean with soft cloth, wiping from centre to edge.
- Sometimes a small amount of picture distortion may appear. This is not a malfunction.

### COMPLETELY DISTORTED PICTURE

- The disc format is not according to the TV-set used (PAL/NTSC).

### NO COLOUR IN PICTURE

- The disc format is not according to the TV-set used (PAL/NTSC).
- Ensure DVD player is not connected through VCR.

### DISC CANNOT BE PLAYED

- Ensure the disc label is upwards.
- Clean the disc.
- Check if the disc is defective by trying another disc.
- Due to the reason of incapability, some discs can not be read by our MP3 Player (Please refer to page GB24 for further information).

### NO SOUND

- Check audio connections.
- If using a HiFi amplifier, try another sound source.
- Check that DTS is selected in the Audio Menu if a DTS disc is played.
- Ensure there is a DTS decoder connected when selecting DTS.

### NO RETURN TO START-UP SCREEN WHEN DISC IS REMOVED

- Check to see if the program requires another disc to be loaded.
- Reset by unplugging the player from the power, then connect the power again.

### THE PLAYER DOES NOT RESPOND TO THE REMOTE CONTROL

- Aim the remote control directly at the sensor on the front of the player.
- Avoid all obstacles which may interfere with the signal path.
- Inspect or replace the batteries.

### DISTORTED OR B/W PICTURE

- The disc format is not according to the TV-set used (PAL/NTSC).


### NO AUDIO AT DIGITAL OUTPUT

- Check the digital connections
- Check the Digital Out Menu to make sure that the digital output is correctly set.
- Check if the audio format of the selected audio language matches your receiver capabilities.

### BUTTONS DO NOT WORK

- Unplug the player from power outlet and reconnect after a few seconds.

### YOU HAVE FORGOTTEN THE PASSWORD

- Press the PAUSE key on the front panel whilst inserting the power plug to the power outlet. For models without PAUSE key on the front panel, press  key on the panel whilst inserting the power plug to the power outlet.

### THE DISC IS STRUCK INSIDE THE PLAYER

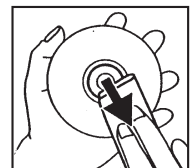
In case the disc is stuck inside the tray, please switch off your player first, wait for at least 2 minutes, then switch on again and press the disc tray open button.

**For any inquiry, please call customer service 1-800-726-3801**

## Cleaning Disc

Some problems occur because the disc inside the player is dirty. To avoid these problems clean your disc regularly, in the following way:

- When a disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from the centre out. Do not wipe in a circular motion. Circular scratches can cause picture distortion or render the disc unplayable.



### CAUTION

**Do not use solvents, commercially available cleaners, or anti-static spray intended for analog discs.**



## Supplement for MP3

### Precaution should be taken when you create your own MP3 CD

The MP3 Player supports only ISO9660 standard (level 1), it can recognize and play MP3 files burned to CD-R, CD-RW discs with the ISO9660 standard.

To make a disc with ISO9660 format you must use the "DATA CD Creator".



**The MP3 Player will not recognize any MP3 CD created with formats other than ISO9660.**

ISO9660 is the default CD burning format for most common CD creation software. When creating MP3 CDs, users must refer to the help files of the CD creation software they are using in order to confirm that they are applying the correct settings to create a ISO9660 formatted CD. One of the procedures to set up ISO9660 option for some common CD creation software is found in the following section.

## Setting ISO9660 format option in some common CD creation software

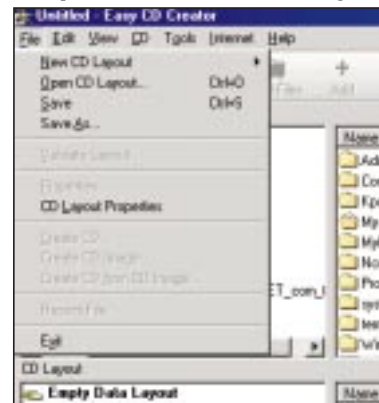
### Adaptec Easy CD creator 4.0

Note: ISO9660 setting procedure for other versions of Adaptec Easy CD creator, please refer to Adaptec's official web site at "www.adaptec.com".

#### Step1 -- Click on "File"



#### Step2 -- Click on "CD Layout Properties"



#### Step3 -- Choose ISO9660, Click OK. "ISO9660" format is set for burning!





## Electrical Specification

- **Power Supply**

AC Input Range .....	90-125 V~, 60 Hz
Power Consumption .....	20W
Fuse Protection .....	T1.25A , 250 VAC
Standby Power .....	8W max.
Safety and EMC Standard (USA) .....	AUSI/UL STD.6500 CAN/CSA STD NO.E65 FCC Part 15 Subpart B

- **Front End (Loader)**

Laser Type .....	Semiconductor
Disc Diameter .....	12cm / 8cm
Playing Time (12cm)	
Single Layer .....	2.12 h
Dual Layers .....	4.01 h
Two Sides, Single Layer .....	4.26 h
Two Sides, Dual Layers .....	8.02 h

- **Video**

Decoding .....	MPEG-2
Resolution .....	720 X 576 @50Hz 720 X 480 @60Hz
DAC .....	10 Bits
Video Format .....	4:3 / 16:9
Output .....	CVBS, Component Video & S-Video (PAL / NTSC)
K Factor .....	<3%
Video S/N Ratio .....	>56dB
Differential Phase .....	<±5°
Differential Gain .....	<±5%
Connector .....	RCA Jack, Component Video & S-Video

- **Audio**

Digital Section	
Decoder .....	MPEG Dolby Digital DTS Passthrough

- **DAC** .....

Output Level .....	24 Bits / 96 KHz
Output Level .....	> 1 Vrms
THD .....	< 1%
S/N .....	> 70dB
Connector .....	RCA Jack X 2
Digital Output .....	SPDIF (Coaxial)

## Electrical Specification

- **IR Remote Control**

Effective Range..... > 8 Meters

No. of Keys ..... 31

Battery (1.5V)..... AAA X 2

- **Mechanical Specification**

Dimension ..... 91 X 430 X 314 mm (H X W X D)

Weight ..... 3.8 Kg

### Service Center

11733 MISSOURI BOTTOM ROAD,HAZELWOOD,  
MO 63042, U.S.A.

Toll Free Number In The U.S. Is **1-800-726-3801**

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